

Exova Warringtonfire
Holmesfield Road
Warrington
WA1 2DS
United Kingdom

T : +44 (0) 1925 655116
F : +44 (0) 1925 655419
E : warrington@exova.com
W : www.exova.com



Premier Modular

Castfoss Lane,
Brabdesburton,
East Yorkshire,
YO25 8EJ.

405535
27th November 2018

Confirmation of Test Results, Fire Resistance Test in Accordance with BS 476 Part 22: 1987.

We confirm the results obtained from a fire resistance test that has been conducted in accordance with BS 476: Part 22: 1987, Clause 6 on Monday 15th October 2018. The test was performed on a single acting, single leaf doorset mounted in a composite panel system featuring a window. The test was performed on behalf of Premier Modular the test sponsor.

Briefly the specimen had overall nominal dimensions of 3000 mm high by 3000 mm wide and featured a composite panel system, a single acting, single leaf doorset and a window.

The composite panel system had overall nominal dimensions of 3000 mm high by 3000 mm wide by 100 mm thick and was formed from three vertical sections of steel faced composite panels. The composite panels were formed from a liquid fill PIR foam core sandwiched between smooth steel facings. The long edges of the panels were profiled such that they interlocked and were screw fixed on both faces. The panel system was installed with two free edges.

The Doorset was installed in the centre of one of the two vertical panel joints and had overall nominal dimensions of 2067 mm high by 1154 mm wide incorporating a leaf with overall dimensions of 1981 mm high by 1060 mm wide by 44 mm thick. The door leaf was of a timber based construction and was fitted with an engaged panic latch and hung three steel hinges within a hardwood frame. The doorset was installed so it opened away from the furnace conditions and was latched for the duration of the test.

The window was installed in the centre of one panels had overall nominal dimensions of 1187 mm high by 890 mm wide and incorporated a 7.2 mm thick pyroguard clean 30/0 glazing with an overall sight size of 1116 mm high by 817 mm wide within a hardwood frame.

The specimens satisfied the performance requirements specified in BS 476: Part 22: 1987, Clause 6, for the following periods:

| Test Results: | Panel System | Doorset | Window |
|-------------------------------|---------------------|----------------|------------------|
| Integrity performance | 34 Minutes | 34 Minutes | 33 Minutes |
| Insulation performance | 34 Minutes | 34 Minutes | N/A [#] |

*The test duration. The test was discontinued after 34 minutes.

#The window was an uninsulated element and as such was not evaluated against the insulation criteria.

This letter provides brief details of a test conducted in accordance with a recognised BS test method, prior to the issue of the test report. Whilst the letter may be used to demonstrate a test has been conducted and the achieved results it cannot be used to demonstrate full compliance with the Standard which requires the issue of a formal report.

Yours sincerely,

A handwritten signature in black ink, appearing to be 'D.A.', is written over a horizontal line.

Fire Resistance Department
Exova Warringtonfire